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**Natarajan et al.**(10) **Pub. No.: US 2017/0124633 A1**(43) **Pub. Date: May 4, 2017**(54) **RETAIL SUBSCRIPTION IN INTERNET OF THINGS ENVIRONMENT****Publication Classification**(51) **Int. Cl.****G06Q 30/06** (2006.01)**G06Q 30/00** (2006.01)**G06Q 30/02** (2006.01)(52) **U.S. Cl.****CPC** ..... **G06Q 30/0635** (2013.01); **G06Q 30/0264**(2013.01); **G06Q 30/0255** (2013.01); **G06Q****30/014** (2013.01); **G06Q 10/0833** (2013.01)(71) Applicant: **Wal-Mart Stores, Inc.**, Bentonville, AR (US)(72) Inventors: **Chandrashekar Natarajan**, San Ramon, CA (US); **Donald R. High**, Noel, MO (US)(21) Appl. No.: **15/297,426**(22) Filed: **Oct. 19, 2016****Related U.S. Application Data**

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(57)

**ABSTRACT**

A system and method for item replenishment comprise a subscription device that associates tags with items, a tag tracking device for collecting data on the tags associated with the items, and a management system that monitors changes in use of the items, including analyzing use patterns to determine when the items should be replenished, replaced, or upgraded.

